

CLAIMS LIST

1. (currently amended) A drywall texture gun, comprising:

a chamber spray head, having a one-way check valve installed at a first end thereof to allow a compressed air flowing therein;

a texture supply having texture material therein;

a nozzle, connected to a second end of the chamber spray head; and

a supply tube, extending across the chamber spray head with an inlet entering a said texture supply and an outlet entering the nozzle, wherein;

the outlet defines a plurality of angled dispersal apertures therethrough positioned within said nozzle and is restricted in the nozzle with an adjustable space to reciprocate responsive to the compressed air;

the outlet is so structured that the compressed air is introduced from the chamber spray head into said supply tube through said angled dispersal apertures within said nozzle to produce material swirl within said nozzle prior to discharge from said nozzle within said nozzle and to adjust a pattern of a texture material flowing therethrough and outwardly from said nozzle; and

the inlet is so structured that the compressed air is able to flow from the chamber spray head to the texture supply to drive said texture material into the supply tube.

2. (original) The drywall texture gun according to claim 1, further comprising a hollow body connected to the first end of the chamber spray head, wherein the hollow body is connected to a compressed air source.

3. (original) The drywall texture according to claim 1, further comprising a nozzle seat inserted between the nozzle and the chamber spray head.

4. (original) the drywall texture gun according to claim 3, wherein the nozzle is adjustably mounted on the nozzle seat.

5. (original) The drywall texture gun according to claim 3, wherein the tube has a dimension smaller than an outside diameter of the nozzle seat, such that compressed air can flow from the chamber spray head to the nozzle.

6. (original) The drywall texture gun according to claim 1, wherein the chamber spray head has an opening at a sidewall thereof allowing the supply tube to extend to the texture supply.

7. (original) The drywall texture according to claim 6, wherein the opening is larger than a dimension of the supply tube, such that the compressed air flow from the chamber spray head into the texture supply.

8. (original) The drywall texture according to claim 1, wherein the outlet has a protruded structure at a perimeter thereof to restrict the outlet in the nozzle.

9. (canceled)

10. (currently amended) A texture gun, comprising:

a hollow module, through which compression pressure is supplied;

a nozzle module, through which a texture is sprayed;

a chamber spray head module, through which the compression pressure is translated from the hollow module to texture supply, of which the texture driven by the compression pressure is transported to the nozzle module;

a one-way check valve module, to prevent the texture from flowing into the module; and

a texture channel, through which the texture is transported from the texture supply to the nozzle, wherein an outlet of the texture channel is restricted in the nozzle module and provides a plurality of angled apertures to introduce swirling turbulence compression pressure flowing from the chamber spray head into the texture channel at the outlet, such that the texture is broken up within the nozzle interior before being sprayed from the nozzle module.

11. (currently amended) A texture gun comprising:

a texture material supply for receiving and retaining a quantity of texture material;

a chamber spray head coupled to said texture material supply having a compressed air input;

a nozzle supported by said chamber spray head having a nozzle chamber and nozzle aperture;

a supply tube extending from said nozzle to said texture material supply;

a compressed air gun having means for coupling to a source of compressed air, an input passage coupled to said means for coupling, and an output passage coupled to said chamber spray head; and

a trigger unit interposed between said input and output passages and operable in an open and closed state;

wherein said nozzle defines a nozzle bore and wherein said supply tube includes an upper end passing through said nozzle bore into said nozzle chamber and having a disperser supported upon said upper end within said nozzle chamber operative upon said texture material before its discharge from said nozzle,

said trigger unit including a spray gun air bleed operable when said trigger unit is switched from said open state to said closed state to release existing air pressure in said nozzle, said chamber spray head, said texture material supply and said output passage.

12. (currently amended) The texture gun set forth in claim 11 wherein said trigger unit includes:

an internal chamber formed in said compressed air gun in communication with said input and output passages and having a valve seal valve seat therebetween;

a trigger shaft having seal, an inner end and an outer end said trigger shaft being movable between a first position closing said seal against said valve seat and a second position opening said seal away from said valve seal;

a spring urging said trigger shaft toward said first position; and
an air bleed path formed in said trigger shaft for allowing air flow from said output passage to the exterior of said compressed air gun when said trigger shaft is in said first position.

13. (original) The texture gun set forth in claim 12 wherein said compressed air gun defines a bore within which said trigger shaft is slidable and wherein said air bleed path include one or more grooves formed in said trigger shaft said grooves extending between said output passage and beyond said bore when said trigger shaft is in said first position.

14. (original) the texture gun set forth in claim 13 wherein said trigger unit includes a trigger button supported on said outer end and wherein said bore terminates in an outer surface, said trigger unit further including a resilient seal carried by said trigger shaft between said trigger button and said outer surface.

15. (canceled)

16. (currently amended) The texture gun set forth in claim 11 wherein said disperser includes a guide fitted within said nozzle bore, one or more facets in said guide and a plurality of dispersing apertures whereby air flows past said one or more facets and through said disperser apertures to break up texture material flowing into said nozzle chamber.

17. (original) The texture gun set forth in claim 16 wherein said disperser includes an enlarged bead captivating said disperser within said nozzle chamber.